## **Listing of Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-24. (Cancelled)

- 25. (Previously Presented) An antimicrobially-treated composite fabric comprising a nonwoven continuous filament substrate hydraulically entangled with pulp fibers, wherein said pulp fibers comprise between about 60% to about 90% by weight of said composite fabric, and wherein greater that about 90% of the pulp fibers present within the composite fabric are covalently bonded to an organosilicone antimicrobial agent.
- 26. (Original) An antimicrobially-treated composite fabric as defined in claim 25, wherein said antimicrobial agent is an organosilicone quaternary ammonium compound.
- 27. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 26, wherein said organosilicone quaternary ammonium compound has the following structure:

$$(OR_1)_3Si$$
 —  $R_2$  —  $N^+$  —  $R_5$   $X^ R_4$ 

wherein,

R<sub>1</sub> is hydrogen or a C<sub>1</sub>-C<sub>8</sub> alkyl group;

R<sub>2</sub> is hydrogen or a C<sub>1</sub>-C<sub>8</sub> alkyl group;

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 $R_3$  and  $R_4$  are the same or different, and are selected from the group consisting of hydrogen and a  $C_1$ - $C_4$  alkyl group;

R<sub>5</sub> is hydrogen or a C<sub>1</sub>-C<sub>30</sub> alkyl group; and

X<sup>-</sup> is a suitable counterion.

- 28. (Original) An antimicrobially-treated composite fabric as defined in claim 25, wherein said antimicrobial agent is 3-(trimethoxysilyl)propyloctadecyldimethyl ammonium chloride.
- 29. (Original) An antimicrobially-treated composite fabric as defined in claim 25, wherein said organosilicone antimicrobial agent comprises between about 0.04% to about 1.0% by weight of said pulp fibers.
- 30. (Original) An antimicrobially-treated composite fabric as defined in claim 25, wherein said organosilicone antimicrobial agent comprises between about 0.2% to about 0.5% by weight of said pulp fibers.
- 31. (Original) An antimicrobially-treated composite fabric as defined in claim 25, wherein said continuous filaments are formed by a spunbond process.
  - 32. (Cancelled)
- 33. (Original) An antimicrobially-treated composite fabric as defined in claim 25, wherein said organosilicone antimicrobial agent comprises between about 0.03% to about 0.8% by weight of said composite fabric.
- 34. (Original) An antimicrobially-treated composite fabric as defined in claim 25, wherein said organosilicone antimicrobial agent comprises between about 0.16% to about 0.4% by weight of said composite fabric.
  - 35. (Cancelled)

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36. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 25, wherein the covalent bond formed between said organosilicone antimicrobial agent and said pulp fibers is a siloxane bond.

- 37. (Previously Presented) An antimicrobially-treated composite fabric comprising a nonwoven continuous filament substrate hydraulically entangled with pulp fibers, said pulp fibers comprising between about 60% to about 90% by weight of said composite fabric, wherein greater that about 90% of the pulp fibers present within the composite fabric are covalently bonded to an organosilicone quaternary ammonium antimicrobial agent comprising between about 0.04% to about 1.0% by weight of said pulp fibers.
- 38. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 37, wherein said organosilicone quaternary ammonium antimicrobial agent has the following structure:

$$(OR_1)_3Si$$
 —  $R_2$  —  $N^+$  —  $R_5$   $X^ R_4$ 

wherein,

R<sub>1</sub> is hydrogen or a C<sub>1</sub>-C<sub>8</sub> alkyl group;

R<sub>2</sub> is hydrogen or a C<sub>1</sub>-C<sub>8</sub> alkyl group;

R<sub>3</sub> and R<sub>4</sub> are the same or different, and are selected from the group consisting of hydrogen and a C<sub>1</sub>-C<sub>4</sub> alkyl group;

R<sub>5</sub> is hydrogen or a C<sub>1</sub>-C<sub>30</sub> alkyl group; and

X is a suitable counterion.

- 39. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 37, wherein said organosilicone quaternary ammonium antimicrobial agent is 3-(trimethoxysilyl)propyloctadecyldimethyl ammonium chloride.
- 40. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 37, wherein said organosilicone quaternary ammonium antimicrobial agent comprises between about 0.2% to about 0.5% by weight of said pulp fibers.
- 41. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 37, wherein said continuous filaments are formed by a spunbond process.
- 42. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 37, wherein said organosilicone quaternary ammonium antimicrobial agent comprises between about 0.03% to about 0.8% by weight of said composite fabric.
- 43. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 37, wherein said organosilicone quaternary ammonium antimicrobial agent comprises between about 0.16% to about 0.4% by weight of said composite fabric.
  - 44. (Cancelled)
- 45. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 37, wherein the covalent bond formed between said organosilicone quaternary ammonium antimicrobial agent and said pulp fibers is a siloxane bond.

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46. (Previously Presented) An antimicrobially-treated composite fabric comprising a spunbond web hydraulically entangled with pulp fibers, said pulp fibers comprising between about 60% to about 90% by weight of said composite fabric, wherein greater that about 90% of the pulp fibers present within the composite fabric are covalently bonded to an organosilicone quaternary ammonium antimicrobial agent, said organosilicone quaternary ammonium antimicrobial agent comprising between about 0.04% to about 1.0% by weight of said pulp fibers.

47. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 46, wherein said organosilicone quaternary ammonium antimicrobial agent has the following structure:

$$(OR_1)_3Si - R_2 - N^+ - R_5 X^ R_4$$

wherein,

R<sub>1</sub> is hydrogen or a C<sub>1</sub>-C<sub>8</sub> alkyl group;

R<sub>2</sub> is hydrogen or a C<sub>1</sub>-C<sub>8</sub> alkyl group;

R<sub>3</sub> and R<sub>4</sub> are the same or different, and are selected from the group consisting of hydrogen and a C<sub>1</sub>-C<sub>4</sub> alkyl group;

R<sub>5</sub> is hydrogen or a C<sub>1</sub>-C<sub>30</sub> alkyl group; and

X<sup>-</sup> is a suitable counterion.

- 48. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 46, wherein said organosilicone quaternary ammonium antimicrobial agent is 3-(trimethoxysilyl)propyloctadecyldimethyl ammonium chloride.
- 49. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 46, wherein said organosilicone quaternary ammonium antimicrobial agent comprises between about 0.03% to about 0.8% by weight of said composite fabric.
- 50. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 46, wherein said organosilicone quaternary ammonium antimicrobial agent comprises between about 0.16% to about 0.4% by weight of said composite fabric.
  - 51. (Cancelled)
- 52. (Previously Presented) An antimicrobially-treated composite fabric as defined in claim 46, wherein the covalent bond formed between said organosilicone quaternary ammonium antimicrobial agent and said pulp fibers is a siloxane bond.